

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/819,249

DATE: 11/12/2006  
 TIME: 13:40:14

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ENTERED

3 <110> APPLICANT: Waldman, Scott A.  
 4 Park, Jason  
 5 Schulz, Stephanie  
 7 <120> TITLE OF INVENTION: Compositions And Methods For Identifying And Targeting Cancer Cells Of  
 8 Alimentary Canal Origin  
 10 <130> FILE REFERENCE: TJD2412  
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/819,249  
 C--> 12 <141> CURRENT FILING DATE: 2001-03-27  
 12 <150> PRIOR APPLICATION NUMBER: 60/192,229  
 13 <151> PRIOR FILING DATE: 2000-03-27  
 15 <160> NUMBER OF SEQ ID NOS: 2  
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 26 <222> LOCATION: (118)..(3335)  
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 31 atg aag aag ttg ctg ttg gac ttg gct ttg tgg tca ctg ctc ttc cag 165  
 32 Met Lys Thr Leu Leu Leu Asp Leu Ala Leu Trp Ser Leu Leu Phe Gln  
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 34 ccc ggg tgg ctg tcc ttt agt tcc caa gtc agt cag aac tgc cgc aat 213  
 35 ccc gly tcc aen Ser Phe Ser Ser Gln Val Ser Gln Asn Cys His Asn  
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 37 ggc aac tat gaa atc agc gtc ctg atg atg ggc aac tca gcc ttt gca 261  
 38 Gly Ser Tyr Glu Ile Ser Val Leu Met Met Gly Asn Ser Ala Phe Ala  
 39 35 40 45  
 40 gaa ccc ctg aaa aac ttg gaa gat ggc gtc aat gaa ggc ctg gaa ata 309  
 41 Cbu Pro Leu Lys Asn Leu Glu Asp Ala Val Asn Glu Gly Leu Gln Ile  
 42 50 55 60  
 43 gta aqa gga cgt ctg caa aat gct ggc cta aat gtc act gtc aac gct 357  
 44 Val Arg Gly Arg Leu Gln Asn Ala Gly Leu Asn Val Thr Val Asn Ala  
 45 65 70 75 80  
 46 acf ttc atc tat tca gaa gct ctg att cat aac tca gac gac tuc caa 405  
 47 Thr Phe Met Tyr Ser Asp Gly Leu Ile His Asn Ser Gly Asp Cys Arg  
 48 85 90 95  
 49 aac aac acc tat aac ggc ctc ggc cta ctc aac aac att tca aat gca 457  
 50 Ser Ser Thr Cys Glu Glu Leu Asp Leu Leu Arg Lys Ile Ser Asn Ala  
 51 100 105 110  
 52 caa caa atg ggc tgt gtc ctc ata ggc ccc tca tat aca tac tcc aac 501  
 53 Gln Arg Met Gly Cys Val Leu Ile Gly Pro Ser Cys Thr Tyr Ser Thr  
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## RAW SEQUENCE LISTING

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Contig: 1311241

Size: 1311241

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Output File: NC\REF\1311241\REF1311241.ctf

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78	Thr	Asn	Asp	Leu	Pro	Phe	Lys	Thr	Tyr	Ser	Trp	Ser	Thr	Ser	Tyr	Val	
79			180				185				190						
81	tac	aaa	aat	ggt	aca	gaa	act	gag	gac	tgt	tta	tgg	tac	ctt	aat	ggt	741
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85	ctg	gag	ggt	aga	ggt	tcc	tat	tta	tcc	cac	gaa	ctc	ggc	ttt	aag	gtg	789
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98	Lys	Leu	Lys	Gly	Asp	Arg	Ala	Val	Ala	Glu	Asp	Ile	Val	Ile	Ile	Leu	
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101	atg	gat	ctt	tta	aat	gac	cag	tac	tta	gag	gac	aat	gta	aca	gac	cat	961
102	Val	Asp	Leu	Phe	Asn	Asp	Gln	Tyr	Leu	Glu	Asp	Asn	Val	Thr	Ala	Pro	
103		275				280				285							
105	gac	tat	atg	aaa	aat	gtc	ctt	gtt	ctg	acg	ctg	tct	cat	ggg	aat	tcc	1029
106	Asp	Tyr	Met	Lys	Asn	Val	Leu	Val	Leu	Thr	Leu	Ser	Pro	Gly	Asn	Ser	
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109	ctt	cta	aat	aga	tct	tta	tcc	agg	aat	cta	tca	cca	aca	aaa	cga	gac	1077
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118	Lys	Ile	Phe	Leu	Glu	Asn	Gly	Glu	Asn	Ile	Thr	Thr	Pro	Lys	Phe	Ala	
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121	cat	gac	tta	aga	aat	ctc	act	ttt	gaa	gga	tat	gac	ggt	cca	atg	acc	1221
122	His	Ala	Phe	Arg	Asn	Leu	Thr	Phe	Glu	Gly	Tyr	Asp	Gly	Pro	Val	Thr	
123		355				360				365							
125	tta	gat	gac	tat	gga	gat	att	gac	aat	acc	atg	gtg	ttt	ctg	tat	acc	1269
126	Leu	Asp	Asp	Trp	Gly	Asp	Val	Asp	Ser	Thr	Met	Val	Leu	Leu	Tyr	Thr	
127		370				375				380							
129	tct	gtg	gac	acc	aag	aaa	tac	aag	gtt	ctt	tta	acc	tat	gat	acc	cac	1317
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RAW SEQUENCING LISTING

EXPERIMENTAL DATA: 03/09/2013 249

03/09/2013 249

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SEQUENCE: 03/09/2013 249

SEQUENCE: 03/09/2013 249

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141	atg att gca gtc ttc acc ctc aat gaa get gba gtg ctg ctc ctg ctc				1461
142	Met Ile Ala Val Phe Thr Leu Thr Gly Ala Val Val Leu Leu Leu Leu				
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145	gac get ctc ctg ata ctc aga aaa tat aga aaa gat tat gaa ctc cgt				1509
146	Val Ala Leu Leu Met Leu Arg Lys Tyr Arg Lys Asp Tyr Gln Leu Arg				
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154	Thr Asn Gln Thr Asn His Val Ser Leu Lys Ile Asp Asp Asp Lys Arg				
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157	cga gat aca atc cag aga cta cga cag tgc aaa tac gtc aaa aag cga				1653
158	Arg Asp Thr Ile Gln Arg Leu Arg Gln Cys Lys Tyr Val Lys Lys Arg				
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169	acc aag ttc tac ggg aca gtg aca ctg gat acc atg atc ttc ggg gtg				1797
170	Thr Lys Phe Tyr Gly Thr Val Lys Leu Asp Thr Met Ile Phe Gly Val				
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173	atc gaa tac tat gag aga gga leu ctc cgg gaa gtt tta aat gaa aca				1845
174	Ile Gln Tyr Cys Glu Arg Gly Ser Leu Arg Glu Val Leu Asn Asp Thr				
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177	att tcc tac cct gat ggc aca ttc atg gat tgg gag ttc aag atc tcc				1893
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179	580	585	590		
181	gtc ttg tat gac att get aag gga atg tca tat ctg ctc tcc agt aag				1941
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185	aca gaa gtc aat ggt cgt ctg aaa tct acc aac tgc gta gtg gac aat				1989
186	Thr Gln Val His Gly Asn Leu Lys Ser Thr Asn Cys Val Val Asp Ser				
187	610	615	620		
189	aaa atg gta gta aag aac aat aat ttt ggc taa aat tta aat tta cct				2037
190	Arg Met Val Val Lys Ile Thr Asp Phe Gly Cys Asn Ser Ile Leu Pro				
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193	aca aaa aac aac cta taa aca get aca gaa ctc ctc aat gaa aag				2085
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RAW SEQUENCE LISTING  
 PATENT APPLICATION NO. US/09/819,249

DATE: 12/17/2001  
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201	atc	att	ctg	egg	aaa	gaa	acc	ttc	tac	act	ttg	age	tgt	egg	gac	cgg	2181
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203				675					680					685			
205	aat	gag	aag	att	ttc	aga	gtg	gaa	aat	tcc	aat	gga	atg	aaa	ccc	ttc	2229
206	asn	gln	thr	thr	phe	arg	val	gln	asn	ser	asn	gly	asn	lys	thr	thr	
207				690					695					700			
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211	705								710					715			
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214	tyr	leu	leu	val	lys	asn	cys	trp	gln	glu	asp	pro	glu	lys	arg	pro	
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218	asp	phe	lys	lys	ile	gln	thr	thr	leu	ala	lys	ile	phe	gly	leu	phe	
219				740					745					750			
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222	his	asp	gln	lys	asn	glu	ser	tyr	met	asp	thr	leu	ile	arg	arg	leu	
223				755					760					765			
225	cag	cta	tat	tct	caa	aac	ctg	gaa	cat	ctg	gta	gag	gaa	agg	aca	cag	2469
226	gln	leu	tyr	ser	arg	asn	leu	gln	his	leu	val	gln	gln	arg	thr	gln	
227				770					775					780			
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230	leu	tyr	lys	ala	gln	arg	asp	arg	ala	asp	arg	leu	asn	phe	met	leu	
231	785								790					795			
233	ctt	cca	agg	cta	gtg	gta	aag	tct	ctg	aaq	gag	aaa	ggc	ttt	gtg	gag	2565
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237	ccg	gaa	cta	tat	gag	gaa	glt	aca	atc	tac	ttc	agt	gac	att	gla	ggt	2613
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239				820					825					830			
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242	phe	thr	thr	ile	cys	lys	tyr	ser	thr	pro	met	glu	val	val	asp	met	
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251	865								870					875			
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254	leu	pro	lys	arg	asn	gly	asn	arg	his	ala	thr	asp	thr	ala	lys	met	
255				885					890					895			
257	gcc	ttg	gaa	atc	ctc	agc	ttc	ata	ggg	acc	ttt	gaa	ctg	gag	cat	ctt	2853
258	ala	leu	gln	thr	leu	ser	phe	met	gly	thr	thr	gln	leu	gln	his	leu	
259				900					905					910			
261	act	gac	ctc	cca	ata	tgg	att	cgc	att	gaa	gtt	cac	tct	ggt	ccc	tgt	2901

## RAW SEQUENCE LISTING

DA-00011-22001

PATENT APPLICATION: US/09/819,249

TIMM: 13:40:14

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266 Ala Ala Gly Val val Gly Ile Lys Phe Pro Arg Tyr Cys Leu Phe Gly
267      930      935      940
269 gat aag gtc aac aca gcc tat agg atg gaa tcc act ggc ctc cct tta      2997
270 Asp Thr Val Asn Thr Ala Ser Arg Asn Glu Ser Thr Gly Leu Pro Leu
271      945      950      955
273 aca att cac gta aat gcc tcc acc ala gcc ata atg aag aga act gaa      3045
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275      960      965      970
277 tgc aag ttc ctt tat gaa gtg aga aag gaa aca tac tta aag gga aag      3093
278 Cys Ala Phe Leu Tyr Glu Val Arg Gly Gln Thr Tyr Leu Lys Gly Arg
279      975      980      985
281 gga gat gag act acc tac tgg ctg act ggg atg aag gac caa aaa ttc      3141
282 Gly Asn Glu Thr Thr Tyr Trp Ser Thr Gly Met Lys Asp Gln Lys Phe
283      990      995      1000
285 aac atg cca acc cct cct act gtc gag aat caa caa cgt ttg caa      3186
286 Asn Ser Pro Thr Pro Pro Thr Val Gln Asn Gln Gln Arg Leu Gln
287      1005      1010      1015
289 aca gaa ttt tca gac atg att gcc aac tct tta caa aaa aga caa      3231
290 Ala Glu Phe Ser Asp Met Ile Ala Asn Ser Leu Gln Lys Arg Gln
291      1020      1025      1030
293 gaa gaa ggg ala aga agc caa aaa acc aga ggg gta gcc agc tat      3276
294 Ala Ala Gly Ile Arg Ser Gln Cys Pro Arg Arg Val Ala Ser Tyr
295      1035      1040      1045
297 aca aca ggc act ctg gaa tac ttg aag ctg aat acc aca gac aag      3321
298 Lys Lys Gly Thr Leu Glu Tyr Leu Ala Leu Asn Thr Thr Asp Lys
299      1050      1055      1060
301 gag agc acc tat ttt taaacctaaa taagggtataa ggaactcac aaattaaat      3376
302 Glu Ser Thr Tyr Phe
303      1065      1070
305 aaagaaacac taaggccagg caccctcagg tctctgaaa gcttacttcc ctgagaccac      3436
307 atgaagcaga aatgtcttag gcttggtcgc cctgtttgga cctagactt tctttgcatg      3496
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313 tttacgttt ttgtttactg gctttcttcc tctattcata agatttttta aattgtcata      3676
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328 20 25 30
329 Gly Ser Tyr Gln Ile Ser Val Leu Met Met Gly Asn Ser Ala Phe Ala

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## VERIFICATION SUMMARY

DATE: 04/11/2001

PATENT APPLICATION: US/09/819,249

TIME: 13:46:11

Input File : A:\PTO.txt

Output File : H:\CRF3\04112001\I819249.raw

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L:12 R:271 C: Current Filing Date differs, Replaced Current Filing Date